

In the claims:

Please enter rewritten Claims 1-4, 6, and 13-18 as follows:

1. (Amended) A compound of formula I:



I

or a stereoisomer or pharmaceutically acceptable salt thereof, wherein;

ring D is selected from  $-\text{CH}_2\text{N}=\text{CH}-$ ,  $-\text{CH}_2\text{CH}_2\text{N}=\text{CH}-$ , and a 5-6 membered aromatic ring consisting of carbon atoms and 0-2 heteroatoms selected from the group N, O, and S;

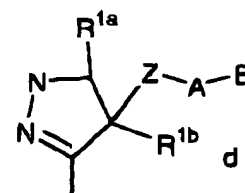
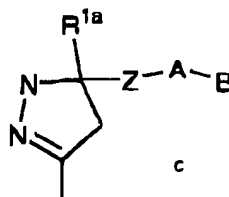
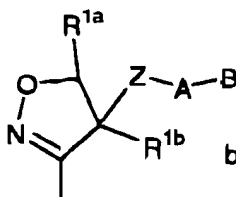
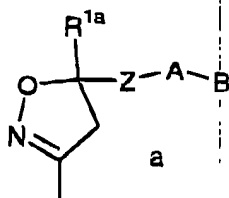
provided that ring D is other than a 5-membered aromatic ring when M is structure q, t, or u;

ring D is substituted with 0-2 R, provided that when ring D is unsubstituted, at least one ring heteroatom is present therein;

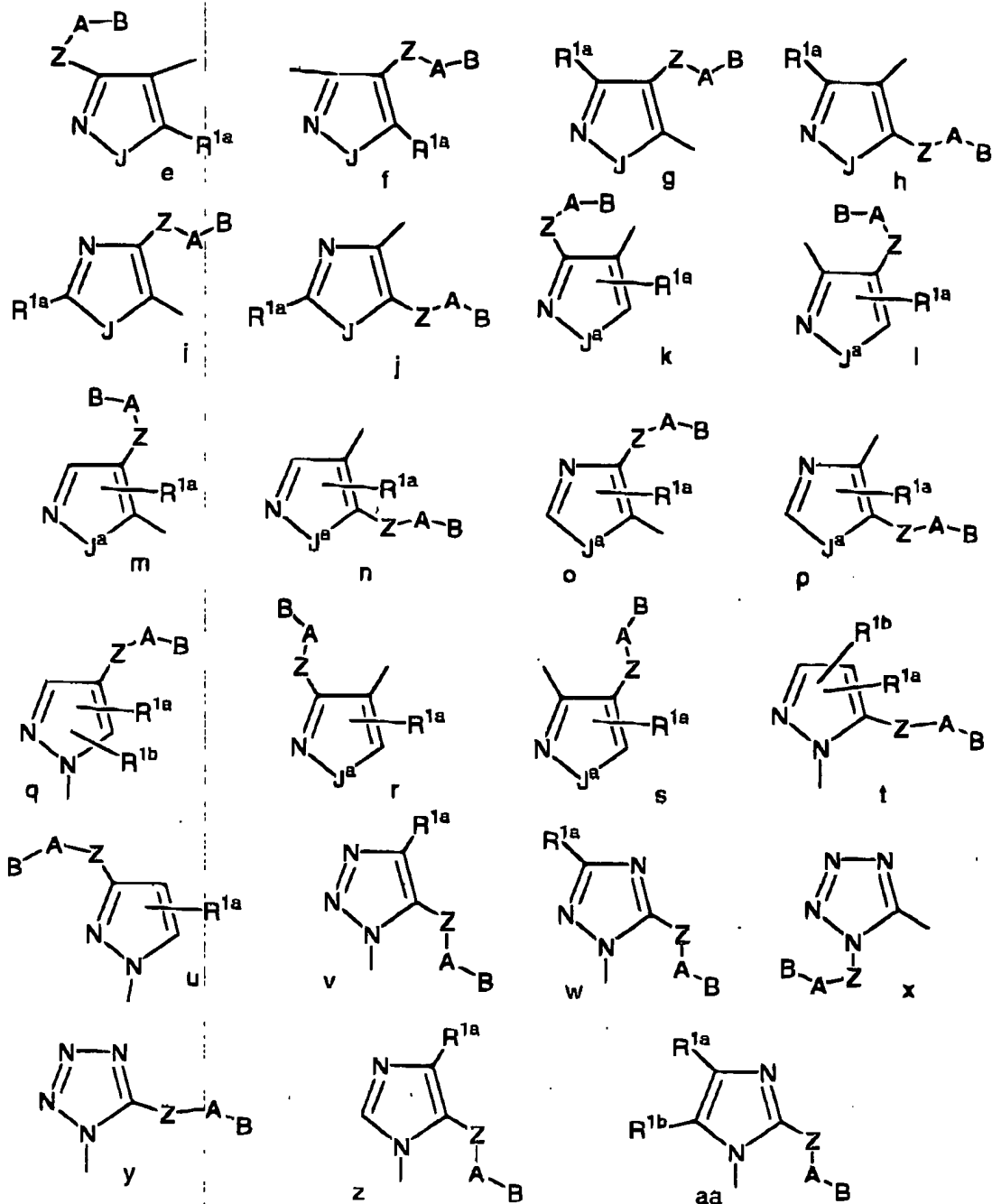
ring E consists of 0-2 N atom and is substituted by 0-1 R

R is selected from Cl, F, Br, I, OH,  $\text{C}_{1-3}$  alkoxy,  $\text{NH}_2$ ,  $\text{NH}(\text{C}_{1-3} \text{ alkyl})$ ,  $\text{N}(\text{C}_{1-3} \text{ alkyl})_2$ ,  $\text{CH}_2\text{NH}_2$ ,  $\text{CH}_2\text{NH}(\text{C}_{1-3} \text{ alkyl})$ ,  $\text{CH}_2\text{N}(\text{C}_{1-3} \text{ alkyl})_2$ ,  $\text{CH}_2\text{CH}_2\text{NH}_2$ ,  $\text{CH}_2\text{CH}_2\text{NH}(\text{C}_{1-3} \text{ alkyl})$ , and  $\text{CH}_2\text{CH}_2\text{N}(\text{C}_{1-3} \text{ alkyl})_2$ ;

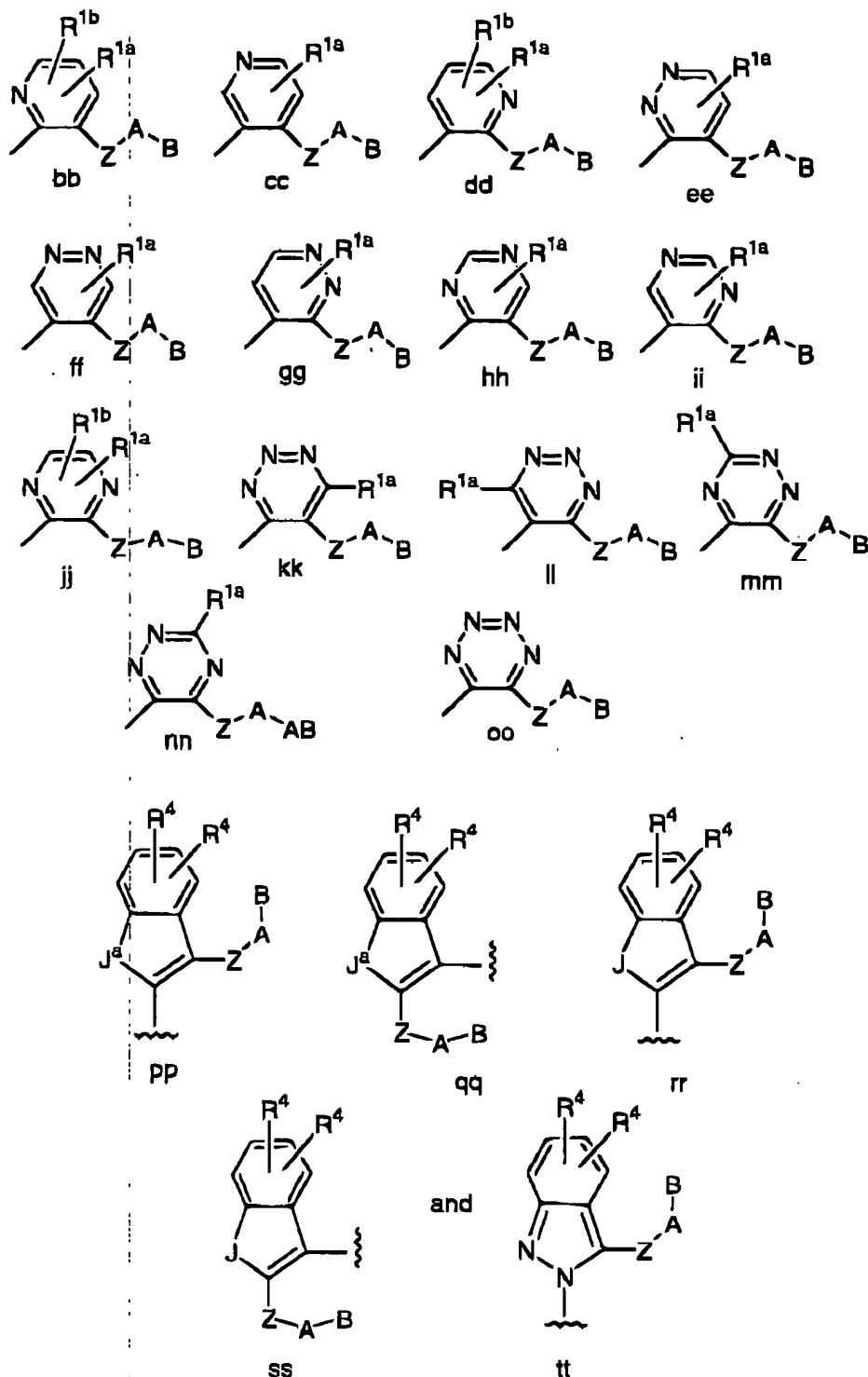
M is selected from the group:



Q<sup>2</sup>



Q<sup>2</sup>



J is O or S;

J<sup>a</sup> is NH or NR<sup>1a</sup>;

Z is selected from a bond, C<sub>1-4</sub> alkylene, (CH<sub>2</sub>)<sub>r</sub>O(CH<sub>2</sub>)<sub>r</sub>, (CH<sub>2</sub>)<sub>r</sub>NR<sup>3</sup>(CH<sub>2</sub>)<sub>r</sub>, (CH<sub>2</sub>)<sub>r</sub>C(O)(CH<sub>2</sub>)<sub>r</sub>, (CH<sub>2</sub>)<sub>r</sub>C(O)O(CH<sub>2</sub>)<sub>r</sub>,

G<sup>2</sup>

$(CH_2)_rOC(O)(CH_2)_r$ ,  $(CH_2)_rC(O)NR^3(CH_2)_r$ ,  
 $(CH_2)_rNR^3C(O)(CH_2)_r$ ,  $(CH_2)_rOC(O)O(CH_2)_r$ ,  
 $(CH_2)_rOC(O)NR^3(CH_2)_r$ ,  $(CH_2)_rNR^3C(O)O(CH_2)_r$ ,  
 $(CH_2)_rNR^3C(O)NR^3(CH_2)_r$ ,  $(CH_2)_rS(O)_p(CH_2)_r$ ,  
 $(CH_2)_rSO_2NR^3(CH_2)_r$ ,  $(CH_2)_rNR^3SO_2(CH_2)_r$ , and  
 $(CH_2)_rNR^3SO_2NR^3(CH_2)_r$ , provided that Z does not form a  
N-N, N-O, N-S, NCH<sub>2</sub>N, NCH<sub>2</sub>O, or NCH<sub>2</sub>S bond with ring M  
or group A;

R<sup>1a</sup> and R<sup>1b</sup> are independently H or selected from  $-(CH_2)_r-R^{1'}$ ,  
 $-CH=CH-R^{1'}$ ,  $NCH_2R^{1'}$ ,  $OCH_2R^{1'}$ ,  $SCH_2R^{1'}$ ,  $NH(CH_2)_2(CH_2)_tR^{1'}$ ,  
 $O(CH_2)_2(CH_2)_tR^{1'}$ , and  $S(CH_2)_2(CH_2)_tR^{1'}$ ;

alternatively, R<sup>1a</sup> and R<sup>1b</sup>, when attached to adjacent carbon  
atoms, together with the atoms to which they are  
attached form a 5-8 membered saturated, partially  
saturated or unsaturated ring substituted with 0-2 R<sup>4</sup>  
and which consists of carbon atoms and 0-2 heteroatoms  
selected from the group consisting of N, O, and S;

alternatively, when Z is C(O)NH and R<sup>1a</sup> is attached to a ring  
carbon adjacent to Z, then R<sup>1a</sup> is a C(O) which replaces  
the amide hydrogen of Z to form a cyclic imide;

R<sup>1'</sup> is selected from H, C<sub>1-3</sub> alkyl, F, Cl, Br, I, -CN, -CHO,  
 $(CF_2)_rCF_3$ ,  $(CH_2)_rOR^2$ ,  $NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  $OC(O)R^2$ ,  
 $(CF_2)_rCO_2R^{2c}$ ,  $S(O)_pR^{2b}$ ,  $NR^2(CH_2)_rOR^2$ ,  $C(=NR^{2c})NR^2R^{2a}$ ,  
 $NR^2C(O)R^{2b}$ ,  $NR^2C(O)NHR^{2b}$ ,  $NR^2C(O)_2R^{2a}$ ,  $OC(O)NR^{2a}R^{2b}$ ,  
 $C(O)NR^2R^{2a}$ ,  $C(O)NR^2(CH_2)_rOR^2$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2R^{2b}$ , C<sub>3-6</sub>  
carbocycle substituted with 0-2 R<sup>4</sup>, and 5-10 membered  
heterocycle consisting of carbon atoms and 1-4  
heteroatoms selected from the group consisting of N, O,  
and S substituted with 0-2 R<sup>4</sup>;

R<sup>1''</sup> is selected from H,  $CH(CH_2OR^2)_2$ ,  $C(O)R^{2c}$ ,  $C(O)NR^2R^{2a}$ ,  
 $S(O)R^{2b}$ ,  $S(O)_2R^{2b}$ , and  $SO_2NR^2R^{2a}$ ;

a<sup>2</sup>  
R<sup>2</sup>, at each occurrence, is selected from H, CF<sub>3</sub>, C<sub>1-6</sub> alkyl, benzyl, C<sub>3-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

R<sup>2a</sup>, at each occurrence, is selected from H, CF<sub>3</sub>, C<sub>1-6</sub> alkyl, benzyl, phenethyl, C<sub>3-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

R<sup>2b</sup>, at each occurrence, is selected from CF<sub>3</sub>, C<sub>1-4</sub> alkoxy, C<sub>1-6</sub> alkyl, benzyl, C<sub>3-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

R<sup>2c</sup>, at each occurrence, is selected from CF<sub>3</sub>, OH, C<sub>1-4</sub> alkoxy, C<sub>1-6</sub> alkyl, benzyl, C<sub>3-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

alternatively, R<sup>2</sup> and R<sup>2a</sup>, together with the atom to which they are attached, combine to form a 5 or 6 membered saturated, partially saturated or unsaturated ring substituted with 0-2 R<sup>4b</sup>, wherein 0-1 additional ring heteroatoms selected from the group consisting of N, O, and S are present;

R<sup>3</sup>, at each occurrence, is selected from H, C<sub>1-4</sub> alkyl, and phenyl;

R<sup>3a</sup>, at each occurrence, is selected from H, C<sub>1-4</sub> alkyl, and phenyl;

$R^{3c}$ , at each occurrence, is selected from  $C_{1-4}$  alkyl, and phenyl;

A is selected from:

$C_{3-10}$  carbocycle substituted with 0-2  $R^4$ , and 5-10 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2  $R^4$ ;

B is selected from: H, Y, and X-Y;

X is selected from  $C_{1-4}$  alkylene,  $-CR^2(CR^2R^{2b})(CH_2)_t-$ ,  $-C(O)-$ ,  $-C(=NR^{1'})-$ ,  $-CR^2(NR^{1'}R^2)-$ ,  $-CR^2(OR^2)-$ ,  $-CR^2(SR^2)-$ ,  $-C(O)CR^2R^{2a}-$ ,  $-CR^2R^{2a}C(O)-$ ,  $-S(O)_p-$ ,  $-S(O)_pCR^2R^{2a}-$ ,  $-CR^2R^{2a}S(O)_p-$ ,  $-S(O)_2NR^2-$ ,  $-NR^2S(O)_2-$ ,  $-NR^2S(O)_2CR^2R^{2a}-$ ,  $-CR^2R^{2a}S(O)_2NR^2-$ ,  $-NR^2S(O)_2NR^2-$ ,  $-C(O)NR^2-$ ,  $-NR^2C(O)-$ ,  $-C(O)NR^2CR^2R^{2a}-$ ,  $-NR^2C(O)CR^2R^{2a}-$ ,  $-CR^2R^{2a}C(O)NR^2-$ ,  $-CR^2R^{2a}NR^2C(O)-$ ,  $-NR^2C(O)O-$ ,  $-OC(O)NR^2-$ ,  $-NR^2C(O)NR^2-$ ,  $-NR^2-$ ,  $-NR^2CR^2R^{2a}-$ ,  $-CR^2R^{2a}NR^2-$ , O,  $-CR^2R^{2a}O-$ , and  $-OCR^2R^{2a}-$ ;

Y is selected from:

$(CH_2)_rNR^2R^{2a}$ , provided that X-Y do not form a N-N, O-N, or S-N bond,

$C_{3-10}$  carbocycle substituted with 0-2  $R^{4a}$ , and 5-10 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2  $R^{4a}$ ;

$R^4$ , at each occurrence, is selected from H, =O,  $(CH_2)_rOR^2$ , F, Cl, Br, I,  $C_{1-4}$  alkyl,  $-CN$ ,  $NO_2$ ,  $(CH_2)_rNR^2R^{2a}$ ,  $(CH_2)_rC(O)R^2$ ,  $NR^2C(O)R^2$ ,  $C(O)NR^2R^{2a}$ ,  $NR^2C(O)NR^2R^{2a}$ ,  $C(=NR^2)NR^2R^{2a}$ ,  $C(=NS(O)_2R^5)NR^2R^{2a}$ ,  $NHC(=NR^2)NR^2R^{2a}$ ,  $C(O)NHC(=NR^2)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2NR^2R^{2a}$ ,  $NR^2SO_2-C_{1-4}$  alkyl,  $NR^2SO_2R^5$ ,  $S(O)_pR^5$ ,  $(CF_2)_rCF_3$ ,  $NCH_2R^{1'}$ ,  $OCH_2R^{1'}$ ,

$\text{SCH}_2\text{R}^{1'}$ ,  $\text{N}(\text{CH}_2)_2(\text{CH}_2)_t\text{R}^{1'}$ ,  $\text{O}(\text{CH}_2)_2(\text{CH}_2)_t\text{R}^{1'}$ , and  
 $\text{S}(\text{CH}_2)_2(\text{CH}_2)_t\text{R}^{1'}$ .

alternatively, one  $\text{R}^4$  is a 5-6 membered aromatic heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S;

provided that if B is H, then  $\text{R}^4$  is other than tetrazole,  $\text{C}(\text{O})$ -alkoxy, and  $\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$ ;

$\text{R}^{4a}$ , at each occurrence, is selected from H,  $=\text{O}$ ,  $(\text{CH}_2)_r\text{OR}^2$ ,  $(\text{CH}_2)_r\text{-F}$ ,  $(\text{CH}_2)_r\text{-Br}$ ,  $(\text{CH}_2)_r\text{-Cl}$ , I,  $\text{C}_{1-4}$  alkyl,  $-\text{CN}$ ,  $\text{NO}_2$ ,  $(\text{CH}_2)_r\text{NR}^2\text{R}^{2a}$ ,  $(\text{CH}_2)_r\text{NR}^2\text{R}^{2b}$ ,  $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^{2c}$ ,  $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(\text{O})\text{NH}(\text{CH}_2)_2\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(=\text{NR}^2)\text{NR}^2\text{R}^{2a}$ ,  $\text{NHC}(=\text{NR}^2)\text{NR}^2\text{R}^{2a}$ ,  $\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{SO}_2\text{-C}_{1-4}$  alkyl,  $\text{C}(\text{O})\text{NHSO}_2\text{-C}_{1-4}$  alkyl,  $\text{NR}^2\text{SO}_2\text{R}^5$ ,  $\text{S}(\text{O})_p\text{R}^5$ , and  $(\text{CF}_2)_r\text{CF}_3$ ;

alternatively, one  $\text{R}^{4a}$  is a 5-6 membered aromatic heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S and substituted with 0-1  $\text{R}^5$ ;

$\text{R}^{4b}$ , at each occurrence, is selected from H,  $=\text{O}$ ,  $(\text{CH}_2)_r\text{OR}^3$ , F, Cl, Br, I,  $\text{C}_{1-4}$  alkyl,  $-\text{CN}$ ,  $\text{NO}_2$ ,  $(\text{CH}_2)_r\text{NR}^3\text{R}^{3a}$ ,  $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^3$ ,  $(\text{CH}_2)_r\text{C}(\text{O})\text{OR}^{3c}$ ,  $\text{NR}^3\text{C}(\text{O})\text{R}^{3a}$ ,  $\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$ ,  $\text{NR}^3\text{C}(\text{O})\text{NR}^3\text{R}^{3a}$ ,  $\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$ ,  $\text{NH}^3\text{C}(=\text{NR}^3)\text{NR}^3\text{R}^{3a}$ ,  $\text{SO}_2\text{NR}^3\text{R}^{3a}$ ,  $\text{NR}^3\text{SO}_2\text{NR}^3\text{R}^{3a}$ ,  $\text{NR}^3\text{SO}_2\text{-C}_{1-4}$  alkyl,  $\text{NR}^3\text{SO}_2\text{CF}_3$ ,  $\text{NR}^3\text{SO}_2\text{-phenyl}$ ,  $\text{S}(\text{O})_p\text{CF}_3$ ,  $\text{S}(\text{O})_p\text{-C}_{1-4}$  alkyl,  $\text{S}(\text{O})_p\text{-phenyl}$ , and  $(\text{CF}_2)_r\text{CF}_3$ ;

$\text{R}^5$ , at each occurrence, is selected from  $\text{CF}_3$ ,  $\text{C}_{1-6}$  alkyl, phenyl substituted with 0-2  $\text{R}^6$ , and benzyl substituted with 0-2  $\text{R}^6$ ;

$\text{R}^6$ , at each occurrence, is selected from H, OH,  $(\text{CH}_2)_r\text{OR}^2$ , F, Cl, Br, I,  $\text{C}_{1-4}$  alkyl, CN,  $\text{NO}_2$ ,  $(\text{CH}_2)_r\text{NR}^2\text{R}^{2a}$ ,  $(\text{CH}_2)_r\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{NR}^2\text{C}(\text{O})\text{R}^{2b}$ ,  $\text{NR}^2\text{C}(\text{O})\text{NR}^2\text{R}^{2a}$ ,  $\text{C}(=\text{NH})\text{NH}_2$ .

$\text{NHC}(=\text{NH})\text{NH}_2$ ,  $\text{SO}_2\text{NR}^2\text{R}^{2a}$ ,  $\text{NR}^2\text{SO}_2\text{NR}^2\text{R}^{2a}$ , and  $\text{NR}^2\text{SO}_2\text{C}_{1-4}$   
alkyl;

$a^2$   
p is selected from 0, 1, and 2;

r is selected from 0, 1, 2, and 3;

s is selected from 0, 1, and 2; and,

t is selected from 0 and 1;

provided that when:

(a) ring D is furan, thiophene, pyrrole, isoxazole, isothiazole, or pyrazole, then Z is other than a bond; and,

(b) A is benzofuran, benzothiophene, indole, benzisoxazole, benzisothiazole, or indazole, then:

(i) ring M is pyrazole, or

(ii) Z is other than a bond or  $\text{C}_{1-4}$  alkylene.

2. (Amended) A compound according to Claim 1, wherein:

D-E is selected from the group:

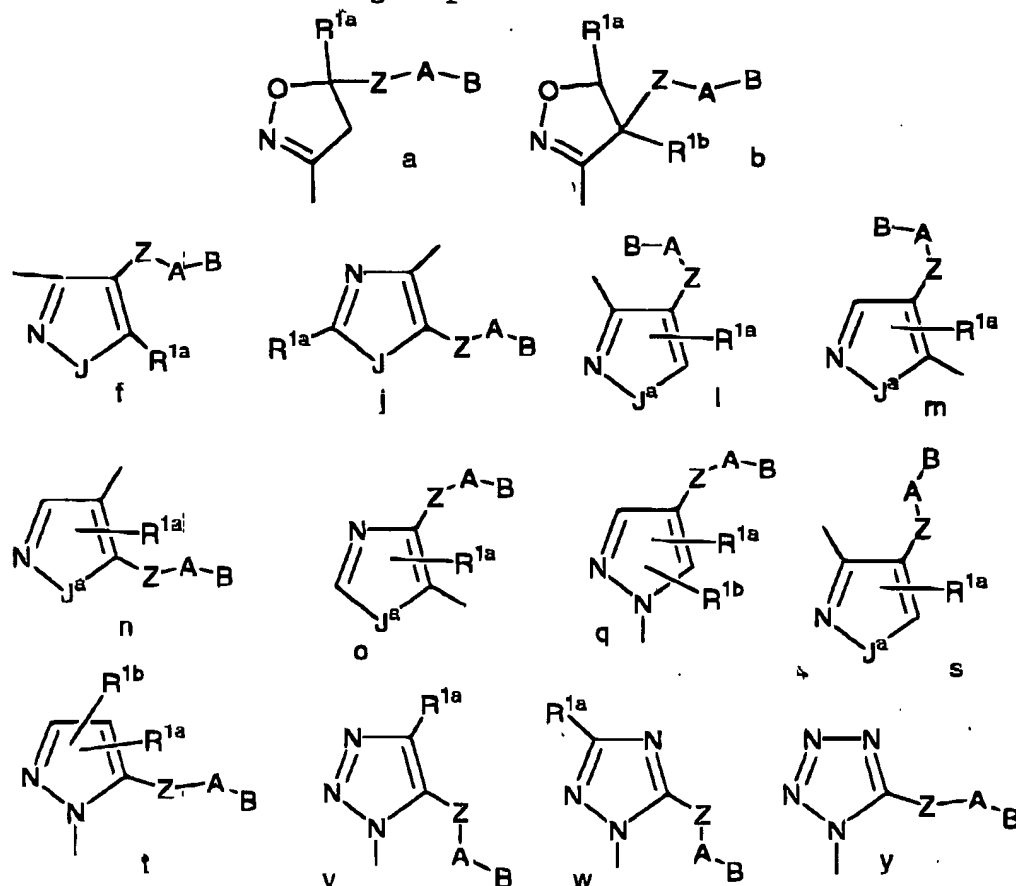
1-aminoisoquinolin-7-yl; 1,3-diaminoisoquinolin-7-yl; 1,4-diaminoisoquinolin-7-yl; 1,5-diaminoisoquinolin-7-yl; 1,6-diaminoisoquinolin-7-yl; 1-amino-3-hydroxy-isoquinolin-7-yl; 1-amino-4-hydroxy-isoquinolin-7-yl; 1-amino-5-hydroxy-isoquinolin-7-yl; 1-amino-6-hydroxy-isoquinolin-7-yl; 1-amino-3-methoxy-isoquinolin-7-yl; 1-amino-4-methoxy-isoquinolin-7-yl; 1-amino-5-methoxy-isoquinolin-7-yl; 1-amino-6-methoxy-isoquinolin-7-yl; 1-hydroxy-isoquinolin-7-yl; 4-aminoquinazol-6-yl; 2,4-diaminoquinazol-6-yl; 4,7-diaminoquinazol-6-yl; 4,8-diaminoquinazol-6-yl; 1-aminophthalaz-7-yl; 1,4-diaminophthalaz-7-yl; 1,5-diaminophthalaz-7-yl; 1,6-diaminophthalaz-7-yl; 4-

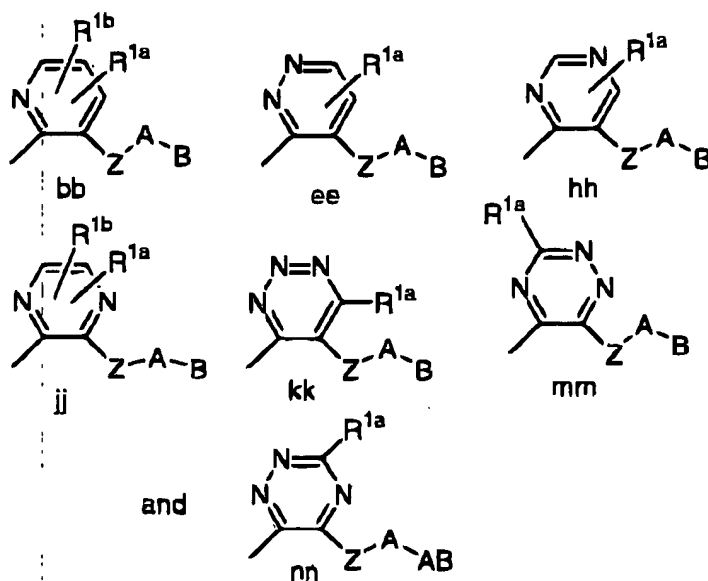


a<sup>2</sup>

aminopterid-6-yl; 2,4-aminopterid-6-yl; 4,6-diaminopterid-6-yl; 8-amino-1,7-naphthyrid-2-yl; 6,8-diamino-1,7-naphthyrid-2-yl; 5,8-diamino-1,7-naphthyrid-2-yl; 4,8-diamino-1,7-naphthyrid-2-yl; 3,8-diamino-1,7-naphthyrid-2-yl; 5-amino-2,6-naphthyrid-3-yl; 5,7-diamino-2,6-naphthyrid-3-yl; 5,8-diamino-2,6-naphthyrid-3-yl; 1,5-diamino-2,6-naphthyrid-3-yl; 5-amino-1,6-naphthyrid-3-yl; 5,7-diamino-1,6-naphthyrid-3-y; 5,8-diamino-1,6-naphthyrid-3-yl; 2,5-diamino-1,6-naphthyrid-3-yl; 3-aminoindazol-5-yl; 3-hydroxyindazol-5-yl; 3-aminobenzisoxazol-5-yl; 3-hydroxybenzisoxazol-5-yl; 3-aminobenzisothiazol-5-yl; 3-hydroxybenzisothiazol-5-yl; 1-amino-3,4-dihydroisoquinolin-7-yl; and, 1-aminoisoindol-6-yl;

M is selected from the group:



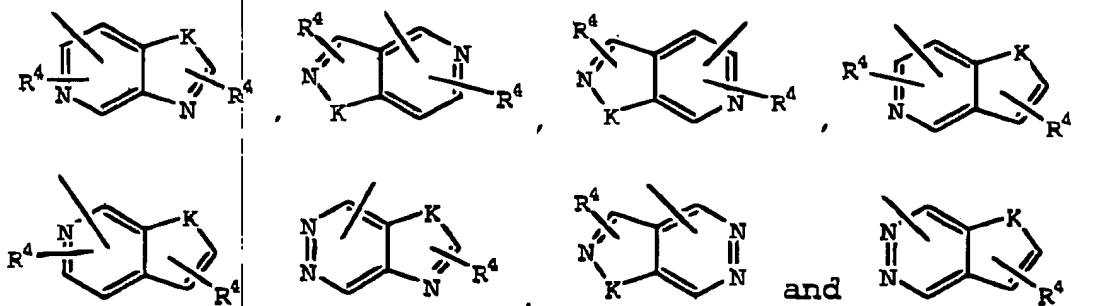


Z is selected from  $(\text{CH}_2)_r\text{C}(\text{O})(\text{CH}_2)_r$ ,  $(\text{CH}_2)_r\text{C}(\text{O})\text{O}(\text{CH}_2)_r$ ,  $(\text{CH}_2)_r\text{C}(\text{O})\text{NR}^3(\text{CH}_2)_r$ ,  $(\text{CH}_2)_r\text{S}(\text{O})_p(\text{CH}_2)_r$ , and  $(\text{CH}_2)_r\text{SO}_2\text{NR}^3(\text{CH}_2)_r$ ; and,

Y is selected from one of the following rings which are substituted with 0-2  $\text{R}^{4a}$ ;

phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, oxadiazole, thiadiazole, triazole, 1,2,3-oxadiazole, 1,2,4-oxadiazole, 1,2,5-oxadiazole, 1,3,4-oxadiazole, 1,2,3-thiadiazole, 1,2,4-thiadiazole, 1,2,5-thiadiazole, 1,3,4-thiadiazole, 1,2,3-triazole, 1,2,4-triazole, 1,2,5-triazole, 1,3,4-triazole, benzofuran, benzothiofuran, indole, benzimidazole, benzoxazole, benzthiazole, indazole, benzisoxazole, benzisothiazole, and isoindazole;

alternatively, Y is selected from the following bicyclic heteroaryl ring systems:



K is selected from O, S, NH, and N.

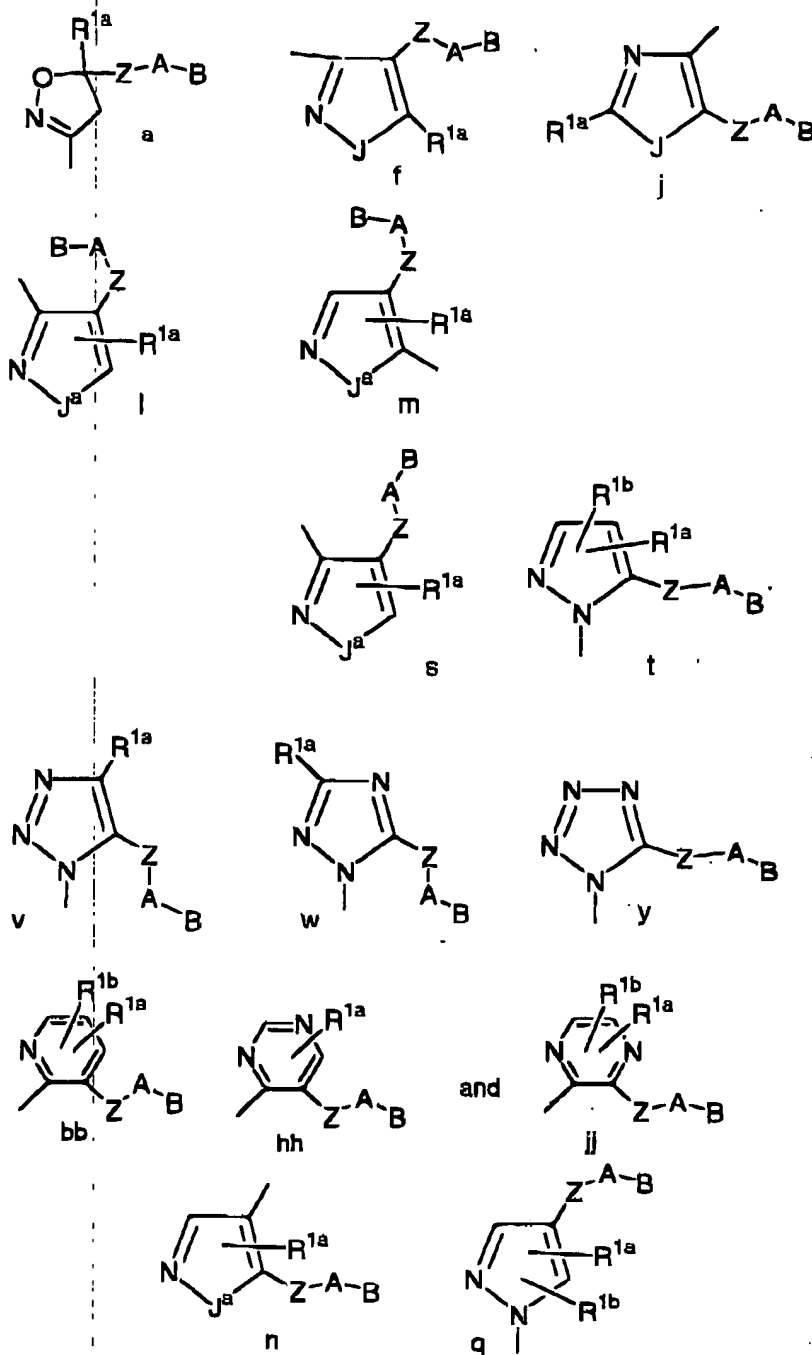
3. (Amended) A compound according to Claim 2, wherein:

D-E is selected from the group:

1-aminoisoquinolin-7-yl; 1,3-diaminoisoquinolin-7-yl; 1,4-diaminoisoquinolin-7-yl; 1,5-diaminoisoquinolin-7-yl; 1,6-diaminoisoquinolin-7-yl; 1-hydroxy-isoquinolin-7-yl; 4-aminoquinazol-6-yl; 2,4-diaminoquinazol-6-yl; 4,7-diaminoquinazol-6-yl; 4,8-diaminoquinazol-6-yl; 1-aminophthalaz-7-yl; 1,4-diaminophthalaz-7-yl; 1,5-diaminophthalaz-7-yl; 1,6-diaminophthalaz-7-yl; 4-aminopterid-6-yl; 8-amino-1,7-naphthyrid-2-yl; 5-amino-1,6-naphthyrid-3-yl; 5-amino-2,6-naphthyrid-3-yl; 3-aminobenzisoxazol-5-yl; 3-aminobenzisothiazol-5-yl; 1-amino-3,4-dihydroisoquinolin-7-yl; and, 1-aminoisoindol-6-yl;

M is selected from the group:

Q12



Z is selected from  $(\text{CH}_2)_x\text{C}(\text{O})(\text{CH}_2)_x$  and  $(\text{CH}_2)_x\text{C}(\text{O})\text{NR}^3(\text{CH}_2)_x$ ; and,

Y is selected from one of the following rings which are substituted with 0-2 R<sup>4a</sup>;

phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl,

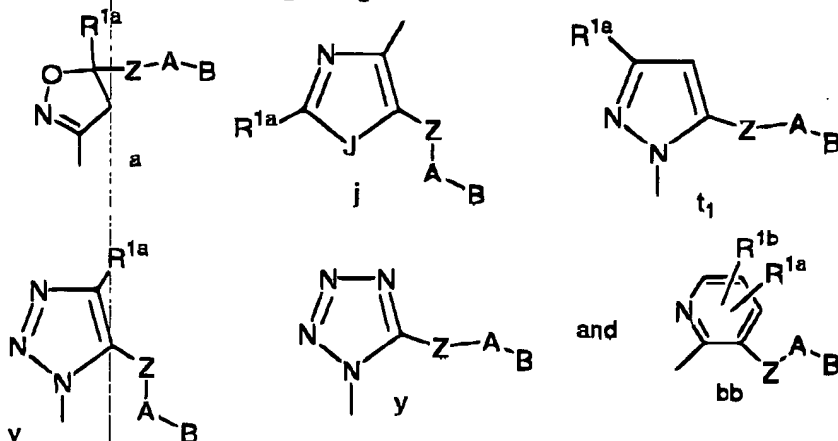
Q<sup>2</sup>  
isothiazolyl, pyrazolyl, imidazolyl, oxadiazole, thiadiazole, triazole, 1,2,3-oxadiazole, 1,2,4-oxadiazole, 1,2,5-oxadiazole, 1,3,4-oxadiazole, 1,2,3-thiadiazole, 1,2,4-thiadiazole, 1,2,5-thiadiazole, 1,3,4-thiadiazole, 1,2,3-triazole, 1,2,4-triazole, 1,2,5-triazole, 1,3,4-triazole, benzofuran, benzothiofuran, indole, benzimidazole, benzoxazole, benzthiazole, indazole, benzisoxazole, benzisothiazole, and isoindazole.

4. (Amended) A compound according to Claim 3, wherein:

D-E is selected from the group:

1-aminoisoquinolin-7-yl; 1,3-diaminoisoquinolin-7-yl; 1,4-diaminoisoquinolin-7-yl; 1,5-diaminoisoquinolin-7-yl; 1,6-diaminoisoquinolin-7-yl; 1-aminophthalaz-7-yl; 1,4-diaminophthalaz-7-yl; 1,5-diaminophthalaz-7-yl; 1,6-diaminophthalaz-7-yl; 4-aminopterid-6-yl; 8-amino-1,7-naphthyrid-2-yl; 5-amino-1,6-naphthyrid-3-yl; 5-amino-2,6-naphthyrid-3-yl; 3-aminobenzisoxazol-5-yl; 1-amino-3,4-dihydroisoquinolin-7-yl; and, 1-aminoisoindol-6-yl;

M is selected from the group:



A is selected from:

C<sub>5-6</sub> carbocycle substituted with 0-2 R<sup>4</sup>, and

5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4</sup>;

Y is selected from one of the following rings which are substituted with 0-2 R<sup>4a</sup>;

phenyl, piperidinyl, piperazinyl, pyridyl, pyrimidyl, furanyl, morpholinyl, thiophenyl, pyrrolyl, pyrrolidinyl, oxazolyl, isoxazolyl, thiazolyl, isothiazolyl, pyrazolyl, imidazolyl, benzimidazolyl, oxadiazole, thiadiazole, triazole, 1,2,3-oxadiazole, 1,2,4-oxadiazole, 1,2,5-oxadiazole, 1,3,4-oxadiazole, 1,2,3-thiadiazole, 1,2,4-thiadiazole, 1,2,5-thiadiazole, 1,3,4-thiadiazole, 1,2,3-triazole, 1,2,4-triazole, 1,2,5-triazole, and 1,3,4-triazole;

R<sup>2</sup>, at each occurrence, is selected from H, CF<sub>3</sub>, C<sub>1-6</sub> alkyl, benzyl, C<sub>5-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

R<sup>2a</sup>, at each occurrence, is selected from H, CF<sub>3</sub>, C<sub>1-6</sub> alkyl, benzyl, phenethyl, C<sub>5-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

R<sup>2b</sup>, at each occurrence, is selected from CF<sub>3</sub>, C<sub>1-4</sub> alkoxy, C<sub>1-6</sub> alkyl, benzyl, C<sub>5-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2 R<sup>4b</sup>;

R<sup>2c</sup>, at each occurrence, is selected from CF<sub>3</sub>, OH, C<sub>1-4</sub> alkoxy, C<sub>1-6</sub> alkyl, benzyl, C<sub>5-6</sub> carbocycle substituted with 0-2 R<sup>4b</sup>, and 5-6 membered heterocycle consisting of

carbon atoms and 1-4 heteroatoms selected from the group consisting of N, O, and S substituted with 0-2  $R^{4b}$ ;

$a^2$  alternatively,  $R^2$  and  $R^{2a}$ , together with the atom to which they are attached, combine to form a ring selected from imidazolyl, morpholino, piperazinyl, pyridyl, and pyrrolidinyl, substituted with 0-2  $R^{4b}$ ;

$R^4$ , at each occurrence, is selected from H, =O,  $OR^2$ ,  $CH_2OR^2$ , F, Cl,  $C_{1-4}$  alkyl,  $NR^2R^{2a}$ ,  $CH_2NR^2R^{2a}$ ,  $C(O)R^{2c}$ ,  $CH_2C(O)R^{2c}$ ,  $C(O)NR^2R^{2a}$ ,  $C(=NR^2)NR^2R^{2a}$ ,  $C(=NS(O)_2R^5)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $NR^2SO_2-C_{1-4}$  alkyl,  $S(O)_2R^5$ , and  $CF_3$

provided that if B is H, then  $R^4$  is other than tetrazole, C(O)-alkoxy, and  $C(O)NR^2R^{2a}$ ;

$R^{4a}$ , at each occurrence, is selected from H, =O,  $(CH_2)_rOR^2$ , F, Cl,  $C_{1-4}$  alkyl,  $NR^2R^{2a}$ ,  $CH_2NR^2R^{2a}$ ,  $NR^2R^{2b}$ ,  $CH_2NR^2R^{2b}$ ,  $(CH_2)_rC(O)R^{2c}$ ,  $NR^2C(O)R^{2b}$ ,  $C(O)NR^2R^{2a}$ ,  $C(O)NH(CH_2)_2NR^2R^{2a}$ ,  $NR^2C(O)NR^2R^{2a}$ ,  $SO_2NR^2R^{2a}$ ,  $S(O)_2R^5$ , and  $CF_3$ ; and,

$R^{4b}$ , at each occurrence, is selected from H, =O,  $(CH_2)_rOR^3$ , F, Cl,  $C_{1-4}$  alkyl,  $NR^3R^{3a}$ ,  $CH_2NR^3R^{3a}$ ,  $C(O)R^3$ ,  $CH_2C(O)R^3$ ,  $C(O)OR^{3c}$ ,  $C(O)NR^3R^{3a}$ ,  $C(=NR^3)NR^3R^{3a}$ ,  $SO_2NR^3R^{3a}$ ,  $NR^3SO_2-C_{1-4}$  alkyl,  $NR^3SO_2CF_3$ ,  $NR^3SO_2$ -phenyl,  $S(O)_2CF_3$ ,  $S(O)_2-C_{1-4}$  alkyl,  $S(O)_2$ -phenyl, and  $CF_3$ .

$a^3$  6. (Amended) A compound according to Claim 1, wherein the compound is selected from:

1-(1'-Amino-isoquinol-7'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-methyl-5-[(2'-methylsulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

- a<sup>2</sup>
- 1-(4'-Amino-isoquinol-7'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;
  - 1-(Isoquinol-7'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;
  - 3-(1'-Amino-isoquinol-7'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]-5-methylisoxazoline;
  - 3-(Isoquinol-5'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]-5-methylisoxazoline;
  - 3-(Isoquinol-7'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]-5-methylisoxazoline;
  - 3-(2'-Aminobenzimidazol-5'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]-5-methylisoxazoline;
  - 3-(3'-Aminoindazol-5'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]-5-methylisoxazoline;
  - 3-(3'-Aminobenzisoxazol-5'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]-5-methylisoxazoline;
  - 3-(1-Amino-isoquinol-7-yl)-4-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]-1,2,3-triazole;
  - 3-(4-amino-isoquinol-7-yl)-4-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]-1,2,3-triazole;
  - 3-(isoquinol-7-yl)-4-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]-1,2,3-triazole;
  - 1-(Quinol-2-yl)methyl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
  - 1-(Quinol-2-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
  - 1-(1'-Aminoisoquinol-7'-yl)-3-ethyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
  - 1-(1'-Aminoisoquinol-7'-yl)-3-isopropyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
  - 1-(2',4'-Diaminoquinazol-6'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;



1-(4'-Aminoquinazol-6'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;

1-(1'-Aminoisoquinol-7'-yl)-3-methyl-5-[4-(N-pyrrolidinylcarbonyl)phenylaminocarbonyl]pyrazole;

1-(1'-Aminophthalazin-7'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

3-(3'-Aminobenzisoxazol-5'-yl)-5-[[5-[(2'-aminosulfonyl)phenyl]pyrid-2-yl]aminocarbonyl]-5-(methylsulfonylamino)methyl)isoxazoline;

1-(3'-Aminobenzisoxazol-5'-yl)-5-[[2-(2'-methylsulfonyl)-3-fluoro-[1,1']-biphen-4-yl]aminocarbonyl]tetrazole;

1-(3'-Aminobenzisoxazol-5'-yl)-5-[[4-(2'-methyylimidazol-1'-yl)phenyl]aminocarbonyl]tetrazole;

1-(3'-Aminobenzisoxazol-5'-yl)-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]tetrazole;

1-(3'-Aminobenzisoxazol-5'-yl)-5-[(2-fluoro-4-(N-pyrrolidinocarbonyl)phenyl)aminocarbonyl]tetrazole;

1-(3'-Aminobenzisoxazol-5'-yl)-5-[(2-(N-pyrrolidino)-4-(N-pyrrolidinocarbonyl)phenyl)aminocarbonyl]tetrazole;

1-(1'-Amino-isoquinol-7'-yl)-5-[[2-(2'-aminosulfonyl)-3-fluoro-[1,1']-biphen-4-yl]aminocarbonyl]tetrazole;

1-(1'-Amino-isoquinol-7'-yl)-5-[[2-(2'-methylsulfonyl)-3-fluoro-[1,1']-biphen-4-yl]aminocarbonyl]tetrazole;

1-(1',2',3',4'-Tetrahydroisoquinol-7'-yl)-3-methyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-[(2'-methyaminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]-5-methylpyrazole;

1-(4'-Amino-isoquinol-7'-yl)-3-methyl-5-[(2'-methylsulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-methylsulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

a<sup>3</sup>  
1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2-fluoro-4-(N-pyrrolidinocarbonyl)-phenyl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-methylsulfonyl-3-fluoro-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-aminosulfonyl-3-fluoro-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(5-(2'-methylsulfonylphenyl)pyrid-2-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-methyl-5-[(2'-aminosulfonyl-3-fluoro-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-methyl-5-[(2'-methylsulfonyl-3-fluoro-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-aminosulfonyl-3-chloro-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-aminosulfonyl-3-methyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Amino-isoquinol-7'-yl)-3-trifluoromethyl-5-[(2'-methylaminosulfonyl-[1,1']-biphen-4-yl)carbonylamino]pyrazole;

1-(1'-Aminoisoquinol-7'-yl)-3-ethyl-5-[(2'-methylaminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;

1-(1'-Aminoisoquinol-7'-yl)-3-ethyl-5-[(2'-methylsulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;

1-(1'-Aminoisoquinol-7'-yl)-3-propyl-5-[(2'-aminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;

1-(1'-Aminoisoquinol-7'-yl)-3-propyl-5-[(2'-methylaminosulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;

- 1-(1'-Aminoisoquinol-7'-yl)-3-propyl-5-[(2'-methylsulfonyl-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-ethyl-5-[(2'-aminosulfonyl-3-fluoro-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-ethyl-5-[(2'-methylsulfonyl-3-fluoro-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-ethyl-5-[4-(N-pyrrolidinocarbonyl-1-yl)phenylaminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-trifluoromethyl-5-[4-(imidazol-1'-yl)phenylaminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-trifluoromethyl-5-[3-fluoro-4-(2-methylimidazol-1'-yl)phenylaminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-trifluoromethyl-5-[4-(2-methylimidazol-1'-yl)phenylaminocarbonyl]pyrazole;
- 1-(1'-Aminoisoquinol-7'-yl)-3-trifluoromethyl-5-[2-fluoro-4-(2-methylimidazol-1'-yl)phenylaminocarbonyl]pyrazole;
- 1-(3'-Aminomethylnaphth-2'-yl)-3-trifluoromethyl-5-[(2'-methylsulfonyl-3-fluoro-[1,1']-biphen-4-yl)aminocarbonyl]pyrazole; and,
- 1-(3'-Aminobenzisoxazol-5'-yl)-5-[(2'-methylsulfonyl-3-fluoro-[1,1']-biphen-4-yl)aminocarbonyl]triazole;
- 1-(3'-Aminobenzisoxazol-5'-yl)-5-[(2'-aminosulfonyl-3-fluoro-[1,1']-biphen-4-yl)aminocarbonyl]triazole;
- or pharmaceutically acceptable salt thereof.

13. (Amended) A method for treating a thromboembolic disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 1 or a pharmaceutically acceptable salt thereof.

a 3/ 14. (Amended) A method for treating a thromboembolic disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 2 or a pharmaceutically acceptable salt thereof.

15. (Amended) A method for treating a thromboembolic disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 3 or a pharmaceutically acceptable salt thereof.

16. (Amended) A method for treating a thromboembolic disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 4 or a pharmaceutically acceptable salt thereof.

17. (Amended) A method for treating a thromboembolic disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 5 or a pharmaceutically acceptable salt thereof.

18. (Amended) A method for treating a thromboembolic disorder, comprising: administering to a patient in need thereof a therapeutically effective amount of a compound according to Claim 6 or a pharmaceutically acceptable salt thereof.